



Overview of the HIV Prevention Program Evaluation & Monitoring System

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June 16, 2005



Presentation Overview



■ To describe the...

- ◆ Basis for developing a national HIV prevention monitoring system.
- ◆ Features of PEMS
- ◆ Current status of PEMS?
- ◆ Benefits of PEMS to your agencies and communities



Our Common Goal



Reduce the Number of New HIV infections

- **Advancing HIV Prevention (AHP) Initiative**
- **Implement evidence-based programs**
- **Promote accountability**
- **Improve program monitoring**



Monitoring HIV Prevention Programs



- **Grantees' data collection systems are often inadequate**
 - ◆ Multiple, disparate data sets
 - ◆ Data collected and reported mostly at an aggregate level
 - ◆ Questionable data quality
- **Evaluation capacity varies across organizations**
 - ◆ Limited ability to compare plan to performance
 - ◆ Limited ability to assess program effects
 - ◆ Insufficient tools to support grantee self-evaluation



Monitoring HIV Prevention Programs



- **Lack of a comprehensive and standardized system for monitoring HIV prevention programs limits the ability to demonstrate:**
 - ◆ Accountability of funds
 - ◆ Consistency in program implementation
 - ◆ How data are used to improve program and service delivery
 - ◆ Program effects (e.g., service utilization and behavioral outcomes)



What is PEMS?



- Standardized set of data variables
- Secure internet browser-based software for data entry and reporting
- Training and guidance on data collection, evaluation, & software use
- Technical support

Developed with extensive input from CDC grantees and other stakeholders



PEMS Data Variables



- A comprehensive set of standardized variables for monitoring HIV prevention programs
- Based on federal program guidance and mandates (e.g., Program Performance Indicators)
- Integrates multiple data sets into one system
- To be collected by health departments and directly funded CBOs



PEMS Data Variables Provide Detailed Description of:



- ◆ **Agency Characteristics** – budget, sites, workers, contracts, & network agencies
- ◆ **Program Plans** – program models, target populations, interventions (CTR, HCPI, Outreach), settings, sessions, & activities
- ◆ **Client Information** – demographics, risk profile, detailed risk behavior assessments
- ◆ **Service Delivery** – service activities, recruitment, and referrals
- ◆ **Community Planning** – Target populations and priority interventions

PEMS DATA VARIABLE TABLE STRUCTURE





Secure Internet Browser-based Software



- **Developed following industry standards, systematic development practices, and federal policies**
- **Conforms to security and confidentiality standards (e.g., user roles and permission based)**
- **Designed with options for:**
 - ◆ Multiple data entry methods (e.g., scanning)
 - ◆ Locally defined variables
 - ◆ 'Real-time' reports for local use
 - ◆ Data import/export for analysis and data sharing



PEMS Training



- **Data Collection Training:** Electronic and paper-based training materials and supporting guidance that explain the CDC evaluation framework, specify CDC data collection reporting requirements, and describe data collection and program evaluation practices
- **PEMS Software Training:** Paper-based & web-based training materials that describe how to plan for, implement, and use each release of the PEMS software



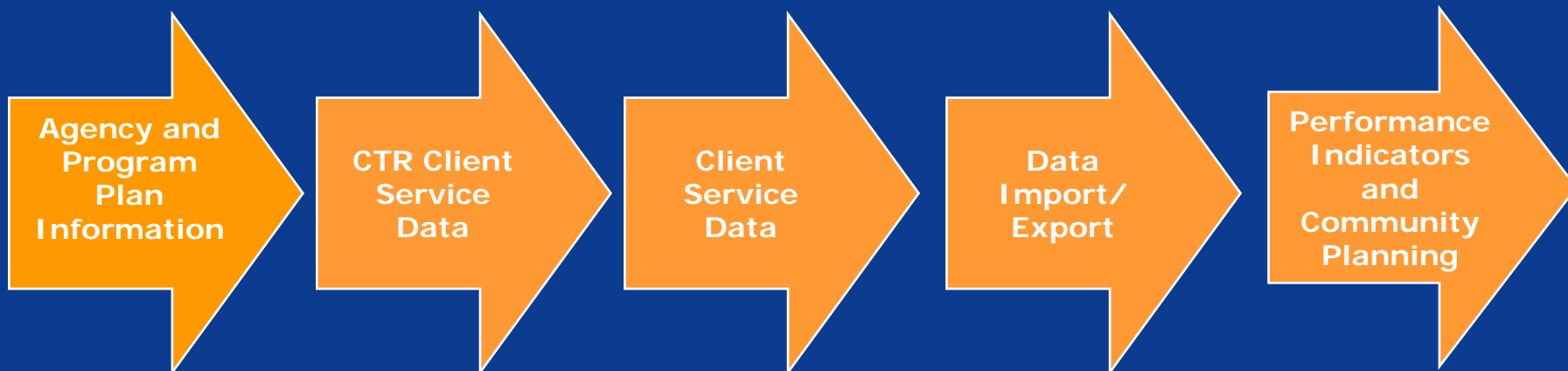
PEMS Technical Support



- Online-help within the software
- Web site (under development)
- Local PEMS implementation coordinator
- PEMS regional leads
- Project officers
- Tailored technical assistance



PEMS Release Schedule



Key Objective:

To enable grantees to collect and use agency, contractor, and program plan data

Key Objective:

To enable grantees to collect and submit CTR data via the scanning interface

Key Objective:

To enable grantees to collect and use client service data

Key Objective:

To enable grantees to submit data to CDC

Key Objective:

To enable grantees to have additional functionality such as remaining community planning, and performance indicators.



Benefits of PEMS: Improved Knowledge of...



- Local prevention practices, capacity building and technical assistance needs
- Implementation of effective HIV prevention interventions
- Implementation of AHP strategies
- Adherence to program reporting requirements
- Programmatic areas in need of improvement (e.g., development, planning, and implementation)



Benefits of PEMS



■ Improved Program Monitoring:

- ◆ What services are being provided?
- ◆ Which agencies are delivering or funding services?
- ◆ To whom are services being provided?
- ◆ What resources are allocated to those services?
- ◆ What behavioral and service utilization outcomes do clients report?

■ Improved Program Evaluation:

- ◆ Extent to which the program is reaching target population
- ◆ Extent to which the intervention plan is delivered as intended
- ◆ Degree to which intervention performance indicator targets are being achieved
- ◆ Relationship between exposure to services and changes in behavioral outcomes



Benefits of PEMS



Data for decision-making on multiple levels:

◆ Client Level

- ❖ Clients' needs and service utilization
- ❖ Clients' progress in reaching goals

◆ Program Level

- ❖ Staff training and performance
- ❖ Program improvement
- ❖ Quality assurance

◆ Agency Level

- ❖ Performance Indicators
- ❖ Requests for proposals

◆ Jurisdiction Level

- ❖ Community Planning
- ❖ Requests for proposals
- ❖ Contract Monitoring
- ❖ Performance Indicators



To Learn More...

- **Contact your local PEMS Implementation Coordinator**
- **Contact your PEMS Regional lead**